SUNKET®-ESS

PV Inverter Expert



SUNKETESS

Three Phase Hybrid Inverter

4.0KW/5.0KW/6.0KW/8.0KW/10.0KW/12.0KW

- Big lcd display
- Three phase unbalanced output
- Power export limit
- Wifi/GPRS/Lan communication optional

Simpler

Quick and easy single person installation
Fault codes warning view on LCD display
smart meter optional

Safer

Comply with international quality standards
tested by TUV, BV, Dekra etc.

Great reliability

IP65 ingress protection
10+ years R&D accumulation and support

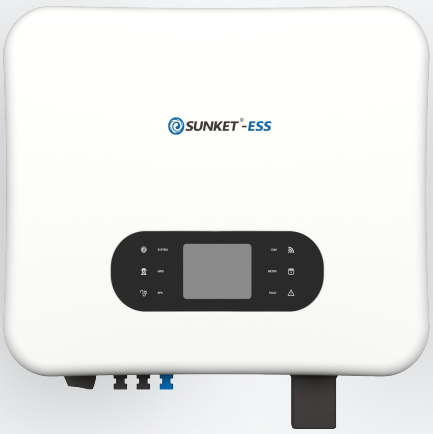
ANYTIME,ANYWHERERE

REMOTE MONITORING

PLATFORM

Monitor system performance in real-time via smartphone app or web portal using out advanced monitoring platform .

SKT Series Three Phase



For more about sunketess hybrid inverter please visit sunket.com

sunket.com

THREE PHASE HYBRID INVERTER

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Technology Data

SKT Series (4KW / 5KW / 6KW / 8KW / 10KW / 12KW)

Model No	SKT4KTL3H	SKT5KTL3H	SKT6KTL3H	SKT8KTL3H	SKT10KTL3H	SKT12KTL3H
Input (DC)						
Max DC power	6000W	7500W	9000W	12000W	15000W	15000W
Max DC voltage	1000Vd.c.					
MPPT voltage range	200...850Vd.c.					
Max input current/per string	13Ax2					
Number of MPP trackers	2					
Number of input string	2					
Battery Input						
Battery Type	Li-ion					
Battery voltage range	130~700V					
Maximum charge/discharge current	25/25A					
Charge strategy for Li-ion Battery	Self-adaptation to BMS					
Output (AC)						
AC nominal power	4000VA	5000VA	6000VA	8000VA	10000VA	12000VA
Max AC apparent power	5000VA	5500VA	7000VA	8800VA	11000VA	13200VA
Max output current	8A	10A	12A	15A	17A	20A
Nominal AC output	50/60Hz; 400/350					
AC output range	45/55Hz;280~490Vac(Adj)					
Power factor	0.8leading...0.8laging					
Harmonics factor	<3%					
Grid type	3W/N/PE					
Three-phase unbalance output	0~100%	0~100%	0~100%	0~100%	0~100%	0~80%
AC Output（Back-up）						
Max AC apparent power	4000VA	5000VA	6000VA	8000VA	10000VA	10000VA
Norminal Output Voltage	400/380V					
Norminal Output Freqency	50/60Hz					
Output THDV (@Liuear Load)	<3%					
Efficiency						
Maximum conversion efficiency	98.0%	98.0%	98.2%	98.2%	98.2%	98.2%
European efficiency	97.3%	97.3%	97.5%	97.5%	97.5%	97.5%
Max battery to AC Efficiency	97.2%	97.2%	97.4%	97.4%	97.4%	97.4%
MPPT efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Safety and Protection						
DC reverse-polarity protection	yes					
DC breaker	yes					
DC/AC SPD	yes					
Leakage current protection	yes					
Insulation Impedance Detection	yes					
Residual Current protection	yes					
Output short circuit protection	yes					
Battery reerse connection protection	yes					
General Parameters						
Dimension (W/H/D)	548*444*184mm					
Weight	30 kg					
Operating temperature range ºC	-25°C...+60℃					
Degree of protection	IP65					
Cooling concept	Natural convection					
Topology	Transformerless					
Display	LCD					
Humidity	0-95%, non-condensing					
Communication	Standard WiFi;GPRS/LAN(optional)					
Warranty	Standard 5 years; 7/10 years optional					
BMS communication	CAN/RS485					
Meter communication	R485					
Certificates and Approvals						
CQC, VDE-AR-N4105,IEC61727,IEC62116,VDE0124-AR-N0124,EN50549,IEC62109,G98,G99						